

ARKANSAS

Science and Engineering Profile

	Arkansas	U.S.	Rank		Arkansas	U.S.	Rank
Doctoral scientists, 1993	1,795	430,332	43	Total R&D performance, 1993 (millions)	\$301	\$161,427	42
Doctoral engineers, 1993	199	81,293	46	Industry R&D, 1993 (millions)	\$185	\$117,622	39
S&E doctorates awarded, 1995	69	26,482	42	Academic R&D, 1994 (millions)	\$81	\$20,573	40
of which, in life sciences	48%	24%		of which, in life sciences	74%	55%	
in engineering	20%	23%		in engineering	13%	16%	
in physical sciences	20%	14%		in physical sciences	5%	10%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	84	36,143	40	expenditures, 1993 (millions)	\$1,101	\$163,994	37
S&E graduate students, 1994				Number of SBIR awards, 1990-94	14	18,023	45
in doctorate-granting institutions	1,589	438,694	42	Patents issued to state residents, 1995	106	55,717	44
Population, 1995 (000s)	2,484	262,755	33	Gross state product, 1992 (billions)	\$44.0	\$5,994.1	32
Civilian labor force, 1995 (000s)	1,223	132,281	33	of which, agriculture	5%	2%	
Personal income per capita, 1995	\$17,429	\$22,788	50	manufacturing, mining, construction	28%	23%	
Federal spending				transportation, communication, utilities	11%	9%	
Total expenditures, 1995 (millions)	\$11,754	\$1,326,294	35	wholesale and retail trade	16%	16%	
R&D obligations, 1994 (millions)	\$89	\$65,654	41	finance, insurance, real estate	14%	18%	
				services	14%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Arkansas by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	88,868	44,675	0	2,811	36,482	3,572	1,328	41
Department of Agriculture	15,434	4,985	0	15	10,408	0	26	33
Department of Commerce	0	0	0	0	0	0	0	na
Department of Defense	5,248	119	0	482	4,647	0	0	47
Department of Energy	304	0	0	0	304	0	0	50
Dept. of Health & Human Services	55,186	35,548	0	1,141	16,236	1,798	463	30
Department of the Interior	5,194	3,721	0	0	193	1,280	0	31
Department of Transportation	1,252	302	0	91	20	0	839	40
Environmental Protection Agency	1,180	0	0	1,017	163	0	0	32
Nat'l Aeronautics & Space Admin.	1,234	0	0	0	740	494	0	44
National Science Foundation	3,836	0	0	65	3,771	0	0	48
State rank	41	34	na	49	41	39	44	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

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